

Abstract

A separation device for the separation of constituents of different density, in particular of a fluid fed from a well hole, exhibits a container in which the fluid at least partially after entry via a feed line is separated into its constituents using centrifugal force in the radial direction and/or using gravitational force in the vertical direction. To improve this type of separation device such that it can be constructed more compact and in a constructively more simple manner and also that it simultaneously can reliably enable separation of all constituents and their removal from the separation device, a classifier device is arranged in a lower section of the container interior, which at least exhibits one discharge line, extending radially outwards, for the discharge of the fluid into the container interior and delivery lines, joined to the container interior at different levels in the vertical direction, for the separated fluid constituents.